

# **DL Design Guidelines**

**Millie Abell**

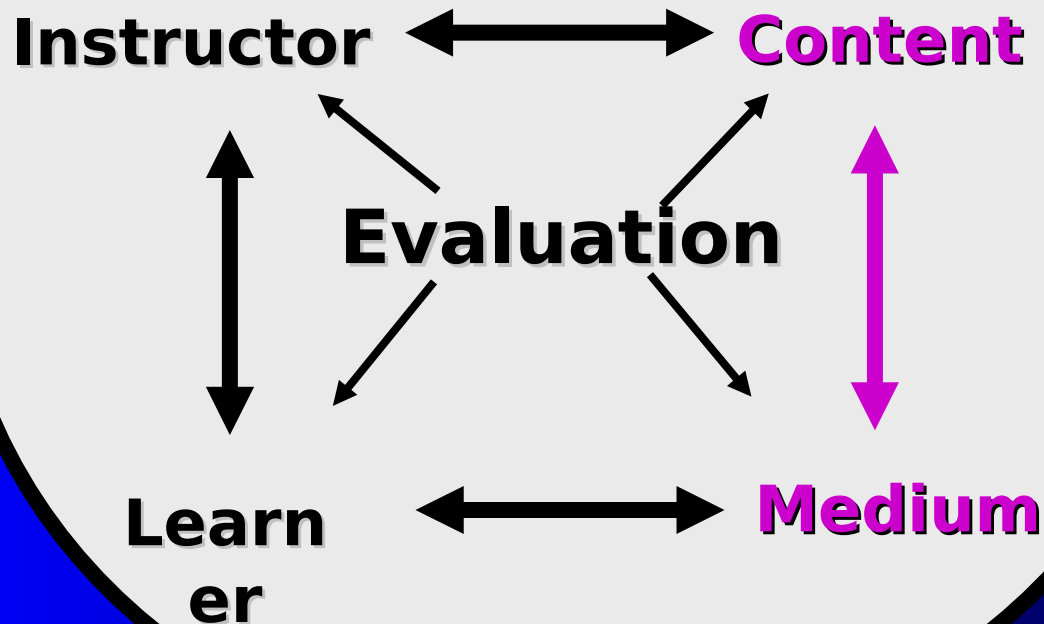
**Training Development &  
Analysis Directorate**

**8 March 2005**

# Background for DL Design

## Guidelines

### Environment



**Instruction must  
be redesigned  
for DL.**

Kozma, R., Belle, L, and Williams, G.  
(1978). *Instructional techniques in higher  
education*. Englewood Cliffs, NJ: Education  
Technology Publications, page 14.

# **Obstacles to Success for DL Design**

- **No clear guidelines for DL designers.**
- **Not enough research-based DL design expertise in contracting or government workforce.**
- **No effective policy in place to enforce guidelines.**

# Proposed Way Ahead for DL Design Guidelines

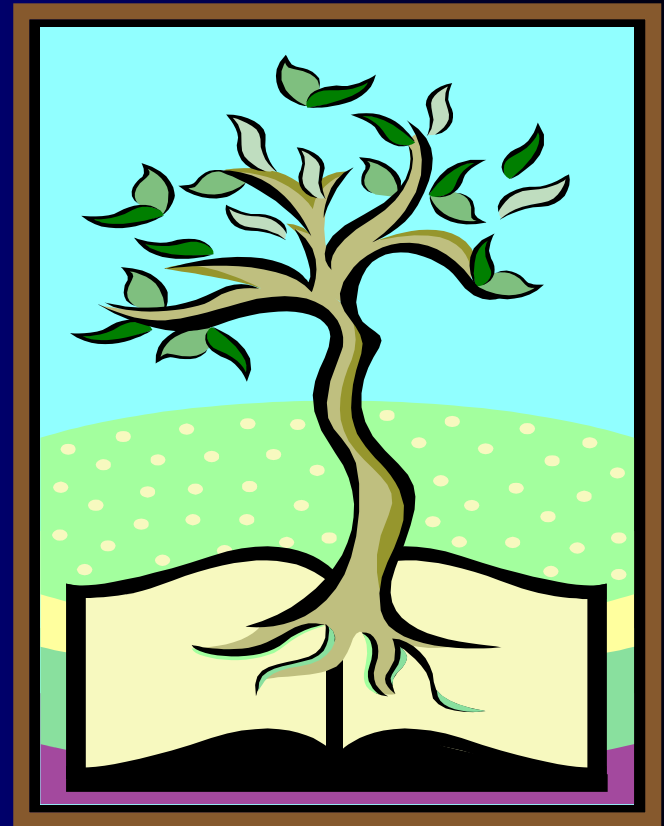
## *What Works in Distance Learning*

- Developed by UCLA/USC
- Published 2005
- Research-based guidelines in:
  - Instructional Strategies
  - Multimedia
  - Learning Strategies
  - Assessment Strategies
  - Management Strategies
  - Implementation Issues



# **Proposed Way Ahead (cont.) Guidelines Rooted in Learning Research**

- **Real-world problems/  
scenarios**
- **Communicate  
benefits  
of learning the task**
- **Minimizing cognitive  
load**
- **Teaching concepts**
- **Teaching processes**
- **Teaching procedures**
- **Teaching cause-effect**
- **Providing feedback**
- **Scenario-based  
testing**



***What Works in  
Distance  
Learning***

# **Proposed Way Ahead for DL Design Guidelines (cont.)**

- **Clear, research-based guidelines for designers.**
- **Better training for govt & contractors.**
- **Requirements for instructional designers on DL development teams.**
- **Setting up policy for all above.**